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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	008312-0309177
First Inventor	YUSAKU SHIRO et al.
Title	See attached addendum
Express Mail Label No.	

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages 28]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. Oath or Declaration [Total Sheets 2]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. Paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of
(when there is an assignee) Attorney
11. English Translation Document (if applicable)
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP) of prior application No.:

Prior application information:

Examiner _____ Art Unit: _____

For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

 Customer Number: 00909 OR Correspondence address below

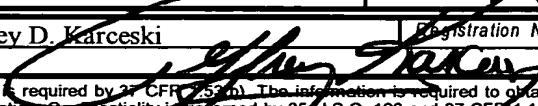
Name _____

Address _____

City _____ State _____ Zip Code _____

Country _____ Telephone _____ Fax _____

Name (Print/Type) Jeffrey D. Karceski Registration No. (Attorney/Agent) 35914

Signature  Date 04/12/04

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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16591 U.S.P.T.O.
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13281 U.S.PTO
041204

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 1,820.00)

Complete if Known

Application Number	TO BE ASSIGNED
Filing Date	April 12, 2004
First Named Inventor	YUSAKU SHIRO et al.
Examiner Name	
Art Unit	
Attorney Docket No.	008312-0309177

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None Deposit Account:

Deposit Account Number	033975
Deposit Account Name	PILLSBURY WINTHROP LLP

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee			770.00
1002 340	2002 170	Design filing fee			
1003 530	2003 265	Plant filing fee			
1004 770	2004 385	Reissue filing fee			
1005 160	2005 80	Provisional filing fee			
SUBTOTAL (1) (\$)		770.00			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
60	2		-20** = 40	x 18	720
			- 3** = 0	x 0	0
				290	290

Large Entity	Small Entity	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		1,010.00

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 2051	65	65	Surcharge - late filing fee or oath	
1052 50	2052 2052	25	25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 1053	130	130	Non-English specification	
1812 2,520	1812 2,520	2,520	2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	920*	920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	1,840*	1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 2251	55	55	Extension for reply within first month	
1252 420	2252 2252	210	210	Extension for reply within second month	
1253 950	2253 2253	475	475	Extension for reply within third month	
1254 1,480	2254 2254	740	740	Extension for reply within fourth month	
1255 2,010	2255 2255	1,005	1,005	Extension for reply within fifth month	
1401 330	2401 2401	165	165	Notice of Appeal	
1402 330	2402 2402	165	165	Filing brief in support of an appeal	
1403 290	2403 2403	145	145	Request for oral hearing	
1451 1,510	1451 1451	1,510	1,510	Petition to institute a public use proceeding	
1452 110	2452 2452	55	55	Petition to revive - unavoidable	
1453 1,330	2453 2453	665	665	Petition to revive - unintentional	
1501 1,330	2501 2501	665	665	Utility issue fee (or reissue)	
1502 480	2502 2502	240	240	Design issue fee	
1503 640	2503 2503	320	320	Plant issue fee	
1460 130	1460 1460	130	130	Petitions to the Commissioner	
1807 50	1807 1807	50	50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 1806	180	180	Submission of Information Disclosure Stmt	
8021 40	8021 8021	40	40	Recording each patent assignment per property (times number of properties)	40.00
1809 770	2809 2809	385	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 770	2810 2810	385	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 2801	385	385	Request for Continued Examination (RCE)	
1802 900	1802 1802	900	900	Request for expedited examination of a design application	
Other fee (specify)					
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$)	40.00

(Complete if applicable)					
Name (Print/Type)	Jeffrey D. Karceski		Registration No. (Attorney/Agent)	35914	Telephone (703) 905-2110
Signature			Date	April 12, 2004	

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